Project Title	Funding	Institution
FUNCTIONAL ANATOMY OF FACE PROCESSING IN THE PRIMATE BRAIN	$1,678,442	National Institutes of Health
Functional Genomics of Human Brain Development	$1,338,015	Yale University
The Cognitive Neuroscience of Autism Spectrum Disorders	$1,032,186	National Institutes of Health
Integrity and Dynamic Processing Efficiency of Networks in ASD	$763,675	SAN DIEGO STATE UNIVERSITY
The Elongation Hypothesis of Autism	$752,400	University of North Carolina
Multiscale Genetic Connectivity of Primate Social Circuits	$735,023	University of Utah
Computational characterization of language use in autism spectrum disorder	$712,942	Oregon Health & Science University
Functional connectivity substrates of social and non-social deficits in ASD	$698,074	Massachusetts General Hospital
Function and Structure Adaptations in Forebrain Development	$662,342	Children's Hospital Los Angeles
Functional and Structural Optical Brain Imaging	$634,153	National Institutes of Health
Novel computational methods for higher order diffusion MRI in autism	$626,233	UNIVERSITY OF PENNSYLVANIA
Mathematical Cognition in Autism: A Cognitive and Systems Neuroscience Approach	$623,389	Stanford University
Dynamic regulation of Shank3 and ASD	$616,945	Johns Hopkins University
Impact of SynGAP1 Mutations on Synapse Maturation and Cognitive Development	$614,568	SCRIPPS FLORIDA
Brain Bases of Language Deficits in SLI and ASD	$614,180	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Bidirectional Tyrosine Kinase Signaling	$614,042	UT SOUTHWESTERN MEDICAL CENTER
Executive Function in Children with Typical and Atypical Language Abilities	$564,177	University of Wisconsin
Characterizing mechanistic heterogeneity across ADHD and Autism	$561,952	Oregon Health & Science University
Characterizing Lexical Processing in Toddlers with Autism Spectrum Disorders	$553,221	University of Wisconsin
Collaborative Research: Revealing the Invisible: Data-Intensive Research Using Cognitive, Psychological, and Physiological Measures to Optimize STEM Learning	$532,028	TERC Inc
The Social Brain in Schizophrenia and Autism Spectrum Disorders	$523,573	HARTFORD HOSPITAL
Signaling mechanisms in cerebellar development and function	$494,324	Vanderbilt University
Function of Neurexins	$488,615	Stanford University
Neurobiological signatures of perception and imitation of AV speech in children w	$467,562	SOUTHERN CONNECTICUT STATE UNIVERSITY
Cell adhesion molecules in autism: a whole-brain study of genetic mouse models	$467,000	COLD SPRING HARBOR LABORATORY
Dissecting neural mechanisms integrating multiple inputs in C. elegans	$453,240	SALK INSTITUTE FOR BIOLOGICAL STUDIES
Cortical Plasticity in Autism Spectrum Disorders	$443,702	BETH ISRAEL DEACONESS MEDICAL CENTER
Social Cognitive Profiles of Autism and Schizophrenia	$439,762	UNIVERSITY OF TEXAS DALLAS
Imaging adaptive cerebellar processing at cellular resolution in awake mice	$428,215	PRINCETON UNIVERSITY
Regulation of SK2 channels by UBE3A	$425,708	WESTERN UNIVERSITY OF HEALTH SCIENCES

Project Title	Funding	Institution
Analysis of Shank3 Complete and Temporal and Spatial Specific Knockout Mice	$425,202	Duke University
Social Brain Networks for the Detection of Agents and Intentions	$416,250	Yale University
Neural markers of shared gaze during simulated social interactions in ASD	$416,250	Yale University
Biology of Non-Coding RNAs Associated with Psychiatric Disorders	$415,143	UNIVERSITY OF SOUTHERN CALIFORNIA
Monoallelic expression in neurons derived from induced pluripotent stem cells	$414,150	ALBERT EINSTEIN COLLEGE OF MEDICINE
Refining the Tourette Syndrome phenotype across diagnoses to aid gene discovery	$413,188	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
Learning and plasticity in the human brain	$409,567	National Institutes of Health
HIGH THROUGHPUT SCREEN FOR SMALL MOLECULE PROBES FOR NEURAL NETWORK DEVELOPMENT	$405,000	Johns Hopkins University
The Impact of Pten Signaling on Neuronal Form and Function	$405,000	DARTMOUTH COLLEGE
Shank3 in Synaptic Function and Autism	$401,250	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Genetic-imaging study of obsessive compulsive behavior in autism	$395,918	BROWN UNIVERSITY
Organization of Excitatory and Inhibitory Circuits in ASD	$395,236	Boston University
The neurophysiology of sensory processing and multisensory integration in ASD	$393,813	SYRACUSE UNIVERSITY
AUDITORY AND INTEGRATIVE FUNCTIONS OF THE PREFRONTAL CORTEX	$393,700	University of Rochester
Molecular mechanisms of the synaptic organizer alpha-neurexin	$388,750	UNIVERSITY OF TEXAS MEDICAL BR GALVESTON
PHENOTYPING ASTROCYTES IN HUMAN NEURODEVELOPMENTAL DISORDERS	$386,750	Stanford University
Typical and Pathological Cellular Development of the Human Amygdala	$385,000	University of California, Davis
Optogenetic treatment of social behavior in autism	$385,000	University of California, Los Angeles
Verbal/non-verbal asynchrony in adolescents with high-functioning Autism	$381,620	EMERSON COLLEGE
Neural networks for attention to internal and external sensory cues in ASD	$374,510	Vanderbilt University
Networked Cortical Responses to Movement Associated with ASD	$372,970	Duke University
Engrailed targets and the control of synaptic circuits in Drosophila	$371,250	UNIVERSITY OF PUERTO RICO MED SCIENCES
Cellular Density and Morphology in the Autistic Temporal Human Cerebral Cortex	$366,427	University of California, Davis
Collaborative Research: Revealing the Invisible: Data-Intensive Research Using Cognitive, Psychological, and Physiological Measures to Optimize STEM Learning	$365,480	Massachusetts Institute of Technology
Neural Basis of Behavioral Flexibility	$356,612	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
DEVELOPMENT OF FACE PROCESSING EXPERTISE	$354,267	UNIVERSITY OF TORONTO
Psychobiological investigation of the socioemotional functioning in autism	$347,490	Vanderbilt University

Project Title	Funding	Institution
Functional analysis of Neuroligin-Neurexin interactions in synaptic transmission	$336,875	University of Massachusetts, Worcester
Elucidating the Function of Class 4 Semaphorins in GABAergic Synapse Formation	$333,553	BRANDEIS UNIVERSITY
Physiology of Attention and Regulation in Children with ASD and LD	$332,586	SEATTLE CHILDREN'S HOSPITAL
Inhibitory mechanisms for sensory map plasticity in cerebral cortex.	$323,873	University of California, Berkeley
Molecular Dissection of Calmodulin Domain Functions	$321,473	UNIVERSITY OF IOWA
Impairments of Theory of Mind disrupt patterns of brain activity	$321,000	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Electrophysiological Signatures of Language Impairment in Autism Spectrum Disord	$318,332	Children's Hospital of Philadelphia
Caspr2 as an autism candidate gene: a proteomic approach to function & structure.	$318,000	RBHS-ROBERT WOOD JOHNSON MEDICAL SCHOOL
Ontogeny and neural basis of social visual engagement in monkeys	$312,009	Emory University
Neuronal Basis of Vicarious Reinforcement Dysfunction in Autism Spectrum Disorder	$309,761	Duke University
Statistical Methods for Ultrahigh-dimensional Biomedical Data	$308,918	PRINCETON UNIVERSITY
Magnetoencephalographic studies of lexical processing and abstraction in autism	$306,974	UNIVERSITY OF PENNSYLVANIA
Alterations in brain-wide neuroanatomy in autism mouse models	$300,000	Cold Spring Harbor Laboratory
Reducing Diversity at the Gamma Protocadherin Locus by CRISPR Targeting	$275,342	JACKSON LABORATORY
Collaborative Research: Revealing the Invisible: Data-Intensive Research Using Cognitive, Psychological, and Physiological Measures to Optimize STEM Learning	$270,363	Landmark College
Intrinsic Brain Architecture of Young Children with Autism While Awake and Asleep	$254,250	New York University
Molecular control of prefrontal cortical circuitry in autism	$254,250	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
Neural Mechanisms of Tactile Sensation in Rodent Somatosensory Cortex	$251,860	University of California, Berkeley
Controlling Interareal Gamma Coherence by Optogenetics, Pharmacology and Behavior	$250,152	PRINCETON UNIVERSITY
RNA dysregulation in autism	$250,000	Rockefeller University
Identification of genes responsible for a genetic cause of autism	$250,000	Case Western Reserve University
Electrophysiological Response to Executive Control Training in Autism	$248,969	CHILDREN'S HOSPITAL CORPORATION
Mechanisms of Autonomic Brainstem Development	$243,000	Children's Hospital Los Angeles
FMRI and EEG approaches to the resting state in ASD	$240,042	SAN DIEGO STATE UNIVERSITY
Interneuron subtype-specific malfunction in autism spectrum disorders	$240,000	New York University
Met Signaling in Neural Development and Circuitry Formation	$238,640	UNIVERSITY OF ARIZONA

Project Title	Funding	Institution
Role of autism-associated chromatin remodeler Brg1 in neuronal development	$238,500	UT SOUTHWESTERN MEDICAL CENTER
Investigating Brain Connectivity in Autism at the Whole-Brain Level	$232,967	Johns Hopkins University
Time Perception and Timed Performance in Autism	$227,487	Michigan State University
Protein network of high risk copy number variants for psychiatric disorders	$227,135	UNIVERSITY OF CALIFORNIA SAN DIEGO
Correcting excitatory-inhibitory imbalance in autism	$225,000	University of North Carolina
Wnt modulation as a treatment for Autism Spectrum Disorders	$222,318	UNIVERSITY OF IOWA
Role of Draxin in Forebrain Connectivity and Complex Behaviors	$216,128	WADSWORTH CENTER
Functional connectivity in autism spectrum disorders	$209,375	Children's Hospital of Philadelphia
Modeling multiple heterozygous genetic lesions in autism using Drosophila melanogaster	$202,745	University of California, Los Angeles
Dysfunction of Sensory Inhibition in Autism	$202,145	Johns Hopkins University
ANALYSIS OF CORTICAL FUNCTION	$198,706	National Institutes of Health
Variation in Neuroligin Concentration and Presynaptic Functional Development	$196,979	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
Bone Accrual Rates in Boys with ASD	$196,546	Lurie Center
Mapping Thalamocortical Networks Across Development in ASD	$195,834	Vanderbilt University
Using Drosophila to Characterize the Molecular Pathogenesis of Autism	$195,000	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
UBR7 is a novel chromatin directed E3 ubiquitin ligase	$194,545	UNIVERSITY OF VIRGINIA
Cytoplasmic Functions of Rbfox1, a Candidate Autism Gene	$192,500	University of California, Los Angeles
Brain Network Development in Normal and Autistic Children	$187,164	University of Utah
A neural model of fronto-parietal mirror neuron system dynamics	$185,646	University of Maryland
Assessment of glutamate delta-1 receptor in mental disorders	$181,875	CREIGHTON UNIVERSITY
Decoding Neural Systems Underlying Affective Prosody in Children with Autism	$176,164	Stanford University
EEG-Based Assessment of Functional Connectivity in Autism	$175,176	HUGO W. MOSER RESEARCH INSTITUTE KENNEDY KRIEGER
Brain Systems Supporting Learning and Memory in Children with Autism	$172,797	Stanford University
Mechanisms underlying word learning in children with ASD: Non-social learning and	$171,433	Boston University
Neurobehavioral Investigation of Tactile Features in Autism Spectrum Disorders	$162,562	Vanderbilt University
Structural and Functional Neuroimaging of the Auditory System in Autism	$157,982	Children's Hospital of Philadelphia
Motor Control and Cerebellar Maturation in Autism	$157,148	UT SOUTHWESTERN MEDICAL CENTER
CAREER: Typical and atypical development of brain regions for theory of mind	$151,160	Massachusetts Institute of Technology
Multimodal Imaging of Social Brain Networks in ASD	$150,471	SAN DIEGO STATE UNIVERSITY

Project Title	Funding	Institution
Classifying autism etiology by expression networks in neural progenitors and differentiating neurons	$149,999	Massachusetts General Hospital
Neural Circuits That Regulate Social Motivation in Autism	$146,325	University of North Carolina
A functional genomic analysis of the cerebral cortex	$142,273	University of California, Los Angeles
Characterizing mechanistic heterogeneity across ADHD and Autism	$140,305	Oregon Health & Science University
The Computational Basis of Theory of Mind in the Human Brain	$130,695	CALIFORNIA INSTITUTE OF TECHNOLOGY
Unreliability of neuronal responses in mouse models of autism	$125,000	Carnegie Mellon University
Mapping functional neural circuits that mediate social behaviors in autism	$125,000	Duke University
Hippocampal mechanisms of social learning in animal models of autism	$125,000	Baylor College of Medicine
Role of LIN28/let-7 axis in autism	$125,000	Johns Hopkins University
Pathogenic roles of paternal-age-associated mutations in autism	$125,000	Weill Cornell Medical College
CNTNAP2 regulates production, migration and organization of cortical neurons	$124,996	Memorial Sloan-Kettering Cancer Center
Functional analysis of EPHB2 mutations in autism	$124,950	MCLEAN HOSPITAL
CLARITY: circuit-dynamics and connectivity of autism-related behavior	$124,148	Stanford University
Structural and Functional Connectivity of Large-Scale Brain Networks in Autism	$112,748	University of Miami
Project 4: Calcium Signaling Defects in Autism (Pessah/Lein)	$107,377	University of California, Davis
Cognitive Control of Emotion in Autism	$101,348	University of Pittsburgh
Corticothalamic circuit interactions in autism	$100,000	Boston Children's Hospital
Neural markers of shared gaze during simulated social interactions in ASD	$99,801	Yale University
Functional analysis of EPHB2 mutations in autism - Project 1	$90,616	Yale University
Molecular mechanisms of electrical synapse formation in vivo	$90,000	FRED HUTCHINSON CANCER RESEARCH CENTER
Protein Interaction Network Analysis to Test the Synaptic Hypothesis of Autism	$90,000	MAYO CLINIC ROCHESTER
Validity and Reliability of New Standard for Resting fMRI Data	$84,750	New York University
Striatal Specific Alterations in Translation, Synaptic Function, and Behavior in	$81,581	New York University
Axonal Ultrastructure of Temporal White Matter in Autism	$77,750	University of California, Davis
Neuroligin, oxidative stress and autism	$75,000	Oklahoma Medical Research Foundation
Dysregulated Translation and Synaptic Dysfunction in Medium Spiny Neurons of Autism Model Mice	$66,667	New York University
Local connectivity in altered excitation/inhibition balance states	$62,500	Weizmann Institute of Science
Genetic model to study the ASD-associated gene A2BP1 and its target PAC1	$62,500	Weizmann Institute of Science
Analysis of autism linked genes in C. elegans	$62,500	Massachusetts General Hospital

Project Title	Funding	Institution
Using fruit flies to map the network of autism-associated genes	$62,498	University of California, San Diego
Social interaction and reward in autism: Possible role for ventral tegmental area	$62,440	University of Geneva
Multisensory processing in autism	$60,000	Baylor College of Medicine
Role of Neurexin in Synapse Formation and Maintenance	$56,978	Stanford University
Frontostriatal Synaptic Dysfunction in a Model of Autism	$55,094	Stanford University
Social reward in autism: Electrophysiological, behavioral, and clinical correlates	$54,400	SEATTLE CHILDREN'S HOSPITAL
Neural Synchrony and Plasticity in Children with Autism	$54,400	University of North Carolina
Investigating role of neurexin-1 mutation in autism using human induced neurons	$53,282	Stanford University
Behavioral, fMRI, and Anatomical MRI Investigations of Attention in Autism	$53,282	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Artifacts as Windows to Other Minds: Social Reasoning In Typical and ASD Children	$53,282	Boston University
Identification of genetic pathways that regulate neuronal circuits in C. elegans	$51,530	UNIVERSITY OF CALIFORNIA SAN DIEGO
The flexibility of individuation and ensemble representation	$51,530	NORTHWESTERN UNIVERSITY
Cell adhesion molecules in autism: a whole-brain study of genetic mouse models	$47,900	COLD SPRING HARBOR LABORATORY
Understanding the Role of Epac2 in Cognitive Function	$47,676	NORTHWESTERN UNIVERSITY
The role of the GRIP protein complex in AMPA receptor trafficking and autism spectrum disorders	$45,000	Johns Hopkins University
Mechanical characterization of brain tissue and individual neurons in Autism Spectrum Disorders	$41,902	Boston Children's Hospital
Timed mRNA translation events in neocortical development and neurodevelopmental disorders	$39,276	RBHS-ROBERT WOOD JOHNSON MEDICAL SCHOOL
Characterizing and Manipulating the Social Reward Dysfunction in a Novel Mouse Model for Autism	$35,000	Massachusetts Institute of Technology
Transcriptional Regulators in Normal Human Brain Development and Autism	$34,216	University of California, Los Angeles
Disruption of Reelin biosynthesis by de novo missense mutations found in aut	$33,059	UPSTATE MEDICAL UNIVERSITY
The Striatal Circuitry Underlying Autistic-Like Behaviors	$32,419	Duke University
Structural Polarity Influences Terminal Placement and Competition in Formation of the Calyx of Held	$32,270	WEST VIRGINIA UNIVERSITY
Modulation of RhoA Signaling by the mRNA Binding Protein hnRNPQ1	$31,356	Emory University
Investigating the Role of RBFOX1 in Autism Etiology	$30,000	University of Miami
Perturbation of Excitatory Synapse Formation in Autism Spectrum Disorders	$30,000	Max Planck Florida Institute for Neuroscience
Regulation of Interneuron Development in the Cortex and Basal Ganglia by Coup-TF2	$30,000	University of California, San Francisco

Project Title	Funding	Institution
Investigating brain organization and activation in autism at the whole-brain level	$30,000	California Institute of Technology
Dissecting Reciprocal CNVs Associated With Autism	$30,000	Duke University
Developmental in Axons underlie Neuropsychiatric Illness	$30,000	Children's Research Institute (CRI) Children's National Medical Center
Activity-dependent Mechanisms of Visual Circuit Formation	$30,000	Children's Research Institute (CRI) Children's National Medical Center
A Role for Cytoplasmic Rbfox1/A2BP1 in Autism	$30,000	University of California, Los Angeles
a-Actinin Regulates Postsynaptic AMPAR Targeting by Anchoring PSD-95	$30,000	University of California, Davis
Probing the temporal dynamics of aberrant neural communication and its relation to social processing deficits in autism spectrum disorders	$29,987	University of Pittsburgh
Neural basis of working memory and inhibitory control in ASD Children using NIRS	$29,976	GEORGETOWN UNIVERSITY
Engagement of Social Cognitive Networks during Game Play in Autism	$29,933	Duke University
Statistical Word Learning in Children with Language Disorders	$29,799	University of Wisconsin
Na+-H+ Exchanger Mechanisms in Autism Pathophysiology and Treatment	$29,478	Brown University
An fMRI investigation of propagated intrinsic activity in early development and autism	$28,934	Washington University in St. Louis
Development of a connectomic functional brain imaging endophenotype of autism	$27,327	University of Cambridge
A Novel GABA Signalling Pathway in the CNS	$25,000	MCLEAN HOSPITAL
Communication Deficits and the Motor System in ASD: Dissecting Patterns of Association and Dissociation Between Them	$19,323	Massachusetts General Hospital
The PI3K Catalytic Subunit p110delta as Biomarker and Therapeutic Target in Autism and Schizophrenia	$15,000	Cincinnati Children's Hospital Medical Center
Brain Transcriptome Sequencing and Non-coding RNA Characterization in Autism Spectrum Disorders	$14,950	University of New South Wales
Semaphorin4D and PlexinB1 mediate GABAergic synapse development in mammalian CNS	$14,920	BRANDEIS UNIVERSITY
The Neural Bases of Top-Down Attentional Control in Autism Spectrum Disorders	$14,160	CITY COLLEGE OF NEW YORK
Network Optimization of Functional Connectivity in Neuroimaging for Differential Diagnosis of Brain Diseases	$5,000	University of Washington
Signaling Pathways that Regulate Excitatory-inhibitory Balance	$0	University of California, San Diego
The Interplay Between Human Astrocytes and Neurons in Psychiatric Disorders	$0	University of California, San Diego
TSC/mTOR Signaling in Adult Hippocampal Neurogenesis: Impact on Treatment and Behavioral Models of Autism Spectrum Disorders in Mice	$0	University of California, Los Angeles
Neuropathology of the social-cognitive network in Autism: a comparison with other structural theories	$0	University of Oxford

Project Title	Funding	Institution
SHB: Type II (INT): Synthesizing self-model and mirror feedback imageries with applications to behavior modeling for children with autism	$0	University of Kentucky
Multimodal neuroimaging of motor dysfunction in autism spectrum disorders	$0	University of Colorado, Denver
GABAergic dysfunction in autism	$0	Johns Hopkins University
Understanding the brain basis of impaired imitation learning in autism	$0	Kennedy Krieger Institute
Brain electrophysiology of interactive social stimuli	$0	Yale University
Genetic models of autism in human neural progenitor cells: a platform for therapeutic discovery	$0	University of California, Los Angeles
Matrix metalloproteinases expression in autism spectrum disorders	$0	University of Naples
Brain-behavior interactions and visuospatial expertise in autism: a window into the neural basis of autistic cognition	$0	Hospital Riviere-des-Praires, University of Montreal, Canada
Corticogenesis and Autism Spectrum Disorders: New Hypotheses on Transcriptional Regulation of Embryonic Neurogenesis by FGFs from In Vivo Studies and RNA-sequencing Analysis of Mouse Brain	$0	Yale University
Interrogating Synaptic Transmission in Human Neurons	$0	Stanford University
Determining the role of GABA in four animal models of autism	$0	Neurochlore
Atypical architecture of prefrontal cortex in young children with autism	$0	University of California, San Diego
Subependymal zone function in autism spectrum disorders	$0	University of Oxford
Role of endosomal NHE6 in brain connectivity and autism	$0	Brown University
Amygdala circuitry of impaired social-emotional behavior in autism	$0	Rosalind Franklin University of Medicine and Science
High metabolic demand of fast-spiking cortical interneurons underlying the etiology of autism	$0	Weill Cornell Medical College
Experience and cognitive development in infancy	$0	University of California, Davis
Attention & word learning in children with ASD- Translating experimental findings into intervention	$0	Women & Infants Hospital
CAREER: The role of prosody in word segmentation and lexical access	$0	Michigan State University
Action anticipation in infants	$0	University of Chicago
Abnormal connectivity in autism	$0	University of California, Los Angeles
Integrative Regulatory Network Analysis of iPSCs Derived Neuronal Progenitors from Macrocephalic ASD Individuals in a Family-based Design	$0	Yale University
Reconceptualizing Brain Connectivity and Development in Autism	$0	University of Miami
Dissecting the Human Magnocellular Visual Pathway in Perceptual Disorders	$0	New York University
Contribution of cerebellar CNTNAP2 to autism in a mouse model	$0	University of Oxford
Molecular signatures of autism genes and the 16p11.2 deletion	$0	Massachusetts General Hospital
Canonical neural computation in autism	$0	New York University
Modeling alteration of RBFOX1 (A2BP1) target network in autism	$0	Columbia University

Project Title	Funding	Institution
A novel transplantation assay to study human PTEN ASD alleles in GABAergic interneurons	$0	University of California, San Francisco
Role of CNTNAP2 in neuronal structural development and synaptic transmission	$0	Stanford University
Mapping functional connectivity networks in autism spectrum disorder with diffuse optical tomography	$0	Washington University in St. Louis
Thalamocortical connectivity in children and adolescents with ASD-A combined fcMRI and DTI approach	$0	SAN DIEGO STATE UNIVERSITY
CAREER: Statistical models and classification of time-varying shape	$0	University of Utah
RI: Small: Addressing visual analogy problems on the raven's intelligence test	$0	Georgia Tech Research Corporation
HCC:Small:Computational studies of social nonverbal communication	$0	University of Southern California
CAREER: Dissecting the neural mechanisms for face detection	$0	California Institute of Technology
Synchronous activity in networks of electrically coupled cortical interneurons	$0	University of California, Davis
CAREER: Integrative behavioural and neurophysiological studies of normal and autistic cognition using video game environments	$0	Cornell University
BRIGE: Emotion mapping of children through human-robot interaction and affective computing	$0	University of Louisville
Neural basis of cross-modal influences on perception	$0	University of California, San Diego
MRI: Acquistion of an Infrared Eye Tracker to Study the Emergence, Use, Loss, and Requisition of Communication Skills	$0	Emerson College
Neural Basis of Deficits in Multisensory Integration in Schizophrenia and ASD	$0	Columbia University
How autism affects speech understanding in multitalker environments	$0	University of Maryland
DISRUPTION OF TROPHIC INHIBITORY SIGNALING IN AUTISM SPECTRUM DISORDERS	$0	NORTHWESTERN UNIVERSITY
Dual modulators of GABA-A and Alpha7 nicotinic receptors for treating autism	$0	University of California, Irvine
Autism and the insula: Genomic and neural circuits	$0	California Institute of Technology
Altered sensorimotor processing in a mouse model of autism	$0	Louisiana State University School of Veterinary Medicine
Stimulus preceding negativity and social stimuli in autism spectrum disorder	$0	University of California, San Diego
Functional Connectivity during Working Memory in Children with ASD: A NIRS Study	$0	Georgetown University
Pathologic and genetic characterization of novel brain cortical patches in young autistic brains	$0	University of California, San Francisco
White matter glial pathology in autism	$0	East Tennessee State University
The role of the new mTOR complex, mTORC2, in autism spectrum disorders	$0	Baylor College of Medicine

Project Title	Funding	Institution
BRAIN MECHANISMS OF AFFECTIVE LANGUAGE COMPREHENSION IN AUTISM SPECTRUM DISORDERS	$0	University of Maryland
Impact of NR2B mutations on NMDA receptors and synapse formation	$0	Case Western Reserve University
Genetic studies of autism-related Drosophila neurexin and neuroligin	$0	University of Texas Health Science Center, San Antonio